

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application.

1 – 13. (Cancelled)

14. (Currently amended) A method of translocating a transporter peptide into a pancreatic B-cell, comprising contacting a pancreatic B-cell with a transporter peptide for a time and under conditions sufficient to allow a transporter peptide to translocate across a membrane of the B-cell, wherein the transporter peptide ~~comprises the amino acid sequence of~~ is SEQ ID NO:1.

15 – 45. (Cancelled)

46. (Previously presented) The method of claim 14, wherein the transporter peptide contains one or more modified residues.

47. (Cancelled)

48. (Currently amended) The method of claim 14, wherein the ~~cells are~~ pancreatic B-cell is contacted *in vivo*.

49. (Currently amended) The method of claim 14, wherein the ~~cells are~~ pancreatic B-cell is contacted with a pharmaceutically acceptable salt of the transporter peptide.

50-54. (Cancelled)